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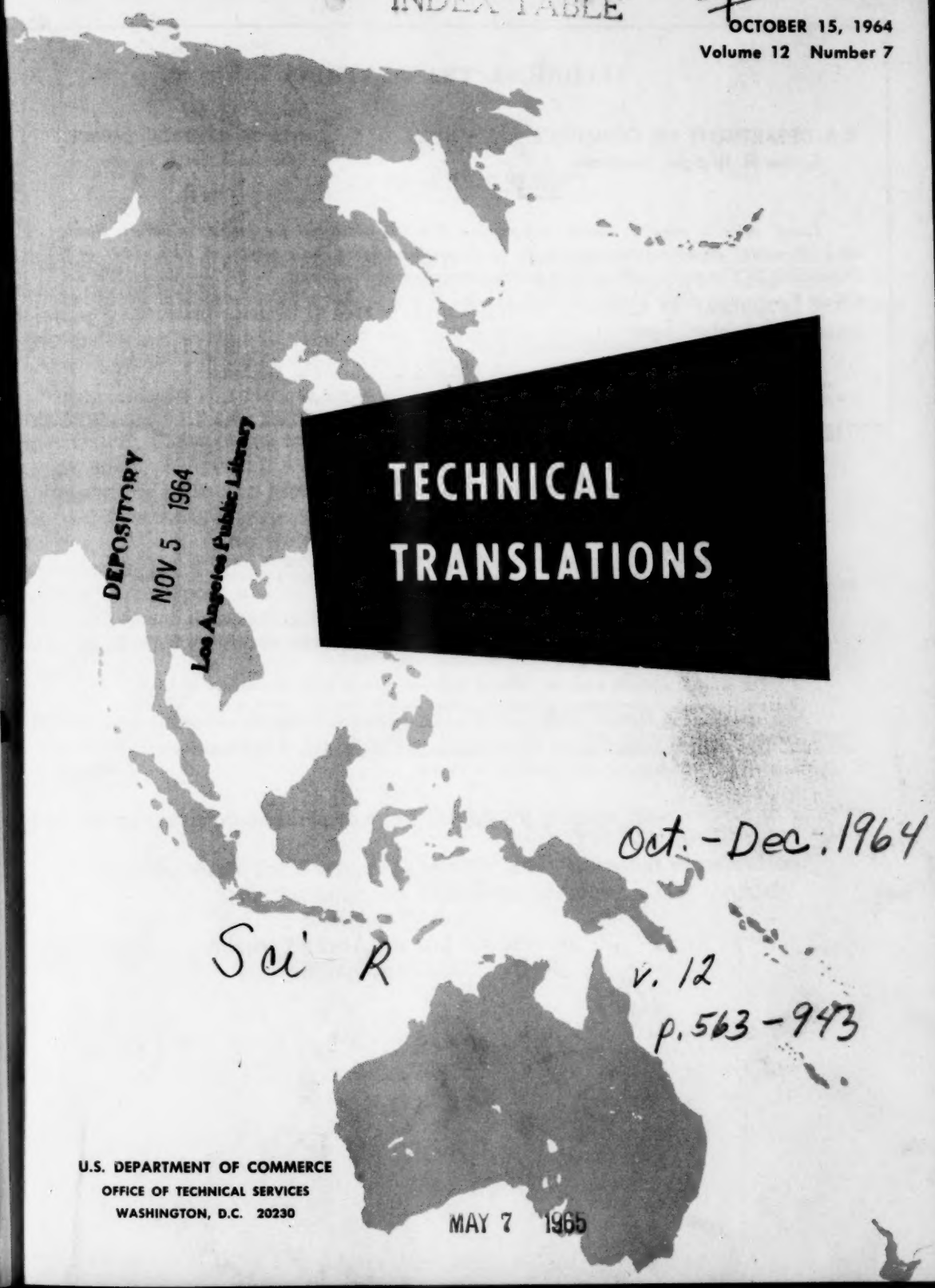

TECHNICAL TRANSLATIONS

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U.S. DEPARTMENT OF COMMERCE
OFFICE OF TECHNICAL SERVICES
WASHINGTON, D.C. 20230

MAY 7 1965

TECHNICAL TRANSLATIONS

U.S. DEPARTMENT OF COMMERCE
Luther H. Hodges, *Secretary*

OFFICE OF TECHNICAL SERVICES
Donald A. Schon, *Director*

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Use of funds for printing this publication approved by the Director of the Bureau of the Budget, November 22, 1961

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For information on ordering any of the above publications, write to ...

Clearinghouse for Federal Scientific and Technical Information
Joint Publications Research Service
Building Tempo E
Adams Drive, 4th and 6th Streets, S. W.
Washington, D. C., 20443

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NOTICES TO SUBSCRIBERS

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The translations reported in this issue are arranged under the categories indicated in the Contents. The sub-groups of the categories are flexible and used only when there are several translations in a particular sub-group. When the subject of a sub-group is not included in the Contents, reference should be made to the general category into which it falls.

References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

Some of the translation notes for individual translations have been marked with the symbol (#) preceding the name of the journal. This symbol indicates that the particular journal is also translated cover-to-cover.

Listed below are agencies from which translations may be purchased. Each entry in the Technical Translations indicates by symbol the agency from which the translation should be ordered, the cost of the translation (if known), and the number by which the translation may be ordered, if such a number exists. Make check or money order payable to the agency indicated.

SYMBOLS FOR SOURCES OF TRANSLATIONS

AC
A. Capelo
P. O. Box 46354
Hollywood,
California 90046

AGI
AGI Translations Office
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
1515 Massachusetts Ave., N. W.
Washington, D. C. 20005

AIAA
American Institute of Aeronautics
& Astronautics
500 Fifth Avenue
New York, New York 10036

AIBS
American Institute of Biological
Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
Argus Information Service
624 N. Eutaw Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
190 Hope Street
Providence, Rhode Island 02906

ANSP
Academy of Natural Sciences
of Philadelphia
19th St. & The Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Ave.,
New York, New York 10003

ARS
American Rocket Society, Inc.
20th and Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P. O. Box 271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research
Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
Translations of the Beltone
Institute for Hearing Research
2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron & Steel Industry
Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research
Association
Abington Hall, Abington
Cambridge, England

CB
Consultants Bureau Enterprises
Inc.
227 West 17th Street
New York, New York 10011

CCT
Consultants Custom Translations
Inc.
227 West 17th Street
New York, New York 10011

CHP
Cleaver-Hume Press, Ltd.
31, Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion
Patronato Juan de la Cierva,
Serrano 150, Apartado 743,
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentacji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per la Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
2243 Greer Road
Palo Alto, California 94300

CTT
Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DI
Circulation Unit
Department of the Interior
Central Library
Room 1149
Washington, D.C. 20240

DTC
Danish Translations Centre,
c/o Library of the Danish Atomic Energy Commission,
Riso. Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Moreley Avenue
Akron, Ohio 44320

ETC
European Translations Centre
Doelenstraat 101, Delft,
The Netherlands

FASEB
Federation of American Societies for Experimental Biology
9650 Wisconsin Avenue
Washington, D.C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire,
England

FT
Faraday Translations
15 Park Row
New York, New York 10038

GB
Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York, New York 10011

GPO
Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

GPRC
Geophysical & Polar Research Center
6021 S. Highland Road
Madison, Wisconsin 53706

HB
Henry Brutcher
P.O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P.O. Box 569
London, S.E. 1, England

HTCBN
Hungarian Trading Company for Books and Newspapers "Kultura"
Budapest 62, P.O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical & Electronics Engineers
275 Madison Avenue
New York, New York 10016

INFOSERV
Infoserv
P. O. Box 217
West Hartford, Connecticut 06097

INT
International Patent Service N. V.
P.O. Box 101
's-Hertogenbosch,
The Netherlands

IP
Interscience Publishers, Inc.
250 Fifth Avenue
New York, New York 10001

IPST
Israel Program for Scientific Translation
Kiryat Moshe
P.O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

K-H
Kresge-Hooker Science Library Associates
Wayne State University
Detroit, Michigan 48202

LAND-AIR
Land-Air, Inc.
Pacific Missile Range
Point Mugu, California 95468

LC
Photoduplication Service
Publication Board Project
Library of Congress
Washington, D.C. 20540

LSA
Literature Service Associates
Route 1
Bound Brook, New Jersey 08805

MACL
Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S.E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New York 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

MT
M. de O. Tollemache
Pennyford Cottage,
Burrington,
Umberleigh, Devon, England

MUL
Mulholland Engineering Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics & Space Administration
1520 H Street, N. W.
Washington, D. C. 20546

NRCC
National Research Council
Library
Ottawa 2, Canada

OB
Oliver & Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

OTS
Office of Technical Services
Department of Commerce
Washington, D. C. 20230
(Also available through Department of Commerce Field Offices)

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
Plenum Press, Inc.
227 West 17th Street
New York, New York 10011

PP
Pergamon Press
122 East 55th Street
New York, New York 10022

PS
Primary Sources
11 Bleecker Street
New York, New York 10012

RIA
Research International Associates
1522 Connecticut Avenue, N. W.
Washington, D. C. 20006

RIS
Research Information Service
Div. of Maxwell Scientific International, Inc.
122 East 55th Street
New York, New York 10022

RIS
Research Information Service
Div. of Pergamon International Corp.
122 East 55th Street
New York, New York 10022

SA
Seizaburo Aoki
Japanese Language Translation Service
15/2027 Chogo
Fujisawa, Japan

SIAM
Business Manager
SIAM Publications
Box 7541
Philadelphia, Pennsylvania 19100

SIC
Scientific Information Consultants Limited
661 Finchley Road
London N. W. 2, England

SLA
SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W.
Washington, D. C. 20005

STS
Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, California 91200

STT
SCIENTECH, Scientific & Technical Translations
P. O. Box 3530
Cleveland, Ohio 44118

TF
Taylor & Francis Ltd.
Red Lion Court, Fleet Street
London, E. C. 4, England

TDL
Mr. John Wiley
Technical Development Laboratories
P. O. Box 769
Savannah, Georgia 31400

TIB
Technische Informationsbibliothek
Am Welfengarten 1,
Hannover, West Germany

TIC
Technical Information Company
Patents Department
Chancery House
Chancery Lane
London, W. C. 2, England

TTIS
Translation & Technical Information Services
32 Manaton Road
London, S. E. 15, England

WBI
Warren Birkenhead, Inc.
901 Northern Life Tower
Seattle, Washington 98101
or
No. 25, 2-Chome, Shiba Hamamatsu-Cho
Minato-Ku, Tokyo, Japan

CUMULATIVE INDEXES

The following Cumulative Indexes for Technical Translations are available from Superintendent of Documents, Government Printing Office, Washington, D. C. 20402:

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TECHNICAL TRANSLATIONS

Volume 12, Number 7 Pages 563 - 599 October 15, 1964

AGRICULTURE

Plant Cultivation

Henin, S.
THE STRUCTURE OF SOILS. 30p 82refs.
Order from SLA $2.60 TT-60-16726

Trans. from mono. Int[ernational] Soc[iety of] Soil Sci[ence] (no. 1) [Rome]. Trans[actions] 1938, v. A.

Makarova, V. S.
USE OF MONOMOLECULAR FILMS FOR REDUCING THE LOSS FROM WATER SURFACES ON EVAPORATION (Primenenie Monomolekulyarnykh Plenok dlya Umen'sheniya Poter' s Vodnoi Poverkhnosti na Isparenie). Nov 63 [16p] (foreign text included) DI BRD Trans. no. 459; LSB Trans no. 8203.
Order from OTS or ETC HC $1.00, MF $0.50 TT-64-19349

Trans. of Gidrotekhnika i Melioratsiya (USSR) 1960 [v. 12] no. 11, p. 61-64.

Makarova, V. S. and Mkhitaryan, A. M.
EXPERIMENTS ON THE USE OF NONOMOLECULAR FILMS FOR THE PURPOSE OF REDUCING EVAPORATION, CONDUCTED ON THE SHORE OF LAKE SEVAN (Opyty po Primeneniyu Monomolekulyarnykh Plenok v Tselyakh Sokrashcheniya Ispareniya Provedennye na Beregu oz Sevan). Nov 63 [39p] (foreign text included) 3refs DI BRD Trans. no. 461; LSB Trans. no. 8205.
Order from OTS or ETC HC $2.00, MF $0.50 TT-64-19351

Trans. of Akademiya Nauk Armyanskoi SSR [Erevan]. Izvestiya. Seriya Tekhnicheskikh Nauk, 1961, v. 14, no. 3, p. 43-57.

Musaev, E. Yu. and Akhund-Zade, A. I.
THE EFFECT OF A GROWTH STIMULANT OF PETROLEUM ORIGIN ON THE GROWTH AND DEVELOPMENT OF CHICKS 30 TO 60 DAYS OLD. 5p.
Order from ATS $6.00 ATS-32R77R

Trans. of Akad[emiya] Nauk Azerb[aidzhanskoi] SSR [Baku]. Dokl[ady] 1964, v. 20, no. 1, p. 69-73.

Gasparyan, M. G., Avetisyan, A. A., Yudin, V. G., and Prikladov, N. V.
EFFECT OF CERTAIN PHYSIOLOGICALLY ACTIVE SUBSTANCES ON THE ENZYMATIC ACTIVITY OF SPROUTED BITTER VETCH SEEDS: THE EFFECT OF BORON AND HYDROGEN PEROXIDE ON TREE-SEED GERMINATION: NEW METHOD OF STORING GRAIN SEED IN SIBERIA. 1964, 20p 23refs PL-480 Agr.
Order from OTS HC $0.50 MF $0.50 TT-64-11006

Trans. of Akademiya Nauk Armyanskoi SSR [Erevan]. Izvestiya. Biologicheskie Nauki, 1958, v. 11, no. 5, p. 67-72; Akademiya Nauk SSSR. Botanicheskii Institut. Trudy: [Seriya] IV [Eksperimental'naya Botanika, 1958, no. 12, p. 290-298; Fiziologiya Rastenii (USSR) 1957, v. 4, no. 4, p. 320-325.

Kuron, H.
TESTS TO DETERMINE THE TOTAL SURFACE ON SOILS, CLAYS AND RELATED SUBSTANCES. VI. THE INFLUENCE OF SODIUM CARBONATE ADMIXTURES ON THE WATERHOLDING CAPACITY OF HYDROGEN-CLAY [Versuche zur Feststellung der Gesamtoberfläche an Erdboden, Tonen und Verwandten Stoffen. VI. Der Einfluss von Bartrium Karbonatzusätzen auf die Wasserbindung an Wasserstoffton]. [14p] 4refs
Order from SLA $1.60 TT-60-16692

Trans. in manuscript of [Zeitschrift für Pflanzenernährung, Düngung, Bodenkunde] (Germany) 1934, v. 33A, no. 5/6, p. 298-305.

Starzycki, S. and Was, L.
RESEARCH ON WINTER CULTURE WITH A VIEW TO IMPROVING THE QUALITATIVE FEATURES OF THE GRAIN, PT. II [AND] PRELIMINARY INVESTIGATIONS OF WHEAT CULTURE WITH A VIEW TO IMPROVING THE QUALITATIVE FEATURES OF THE GRAIN. H. Golebiowska and T. Potulicka, trs. 1964, 32p 26refs PL-480 Agr.
Order from OTS HC $0.50 TT-61-31277

Trans. of Hodowla Roslin, Aklimatyzacja i Nasiennictwo (Poland) 1957, v. 1, no. 4, p. 509-525; 1960, v. 4, no. 6, p. 636-649.

Taniguchi, Takuzo, Kamibayashi, Yuzuru, Sakimoto, Reiji Asada, Mitsuo, and Ishii, Keiichiro.
AGRICULTURAL ACARIDICIDE COMPOSITE.
May 64, 7p
Order from SA $16.00 SA Code-P-303

Trans. of published Japanese patent 8147/1963, cl. 30-F-371.2 (30-F-922) 5 Jun 63, filed 20 Apr 61 as appl. no. 13757/1961, by Nippon Soda Co., Ltd.

Tsitsin, N. V.
REMOTE HYBRIDIZATION (Otdalennaya Gibridizatsiya). 1964, 10p PL-480 Agr.
Order from OTS HC$1.00, MF$0.50 TT-64-11069

Trans. of Priroda (USSR) 1960 [v. 49] no. 6, p. 7-14.

ASTRONOMY

ASTRONOMY: RUSSIAN-CHINESE-ENGLISH DICTIONARY. May 64.
Order from SIC $10.00

BEHAVIORAL SCIENCES

Sokolov, Evgenii Nikolaevich.
PERCEPTION AND THE CONDITIONED REFLEX
Stefan W. Waydenfeld, tr. 1964, 309p.
Order from MACM $12.00

Trans. of mono. [Vospriyatie i Uslovnyi Refleks, Moscow, 1958, 330p].

Telberg, Ina, comp.
WHO'S WHO IN SOVIET SCIENCE AND TECHNOLOGY 2D ED. REV. 1964, 301p
Order from V. G. Telberg, 544 6th Ave., New York $16.00

Trans. of unidentified Russian mono. n.p., n.d.

BIOLOGICAL SCIENCES

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIOLOGY AND MEDICINE NO. 89. 6 Aug 64, 23p JPRS: 25766.
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Consists of abstracts of articles from selected scientific and technical journals of Hungary.

VESTNIK OF USSR ACADEMY OF MEDICAL SCIENCES, 1964, VOL. 19, NO. 3. 23 May 64, 142p 361refs JPRS: 24814.
Order from OTS HC $2.75 MF $1.00 TT-64-31353

Trans. of Akademiya Meditsinskikh Nauk SSSR. Vestnik, 1964, v. 19, no. 3, p. 3-96.

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Genkel', P. A. and Barskaya, E. I.
CHANGES IN THE VISCOSITY OF PROTOPLASM DURING THE ONTOGENESIS OF SOME HERBACEOUS PLANTS (Izmerenie Vyazkosti Protoplazmy v Ontogeneze Nekotorykh Travyanistykh Rastenii v Svyazi s Zasukhoustoichivost'yu)
R. Wilson, tr. [16p] (foreign text included) 16refs [CSIRO] Trans. no. 6726.
Order from OTS, or ETC HC $1.00, MF $0.50 TT-64-15729

Trans. of Botanicheskii Zhurnal (USSR) 1962, v. 47, no. 6, p. 802-807.

Leopold, J. and Valtr, Z.
A METHOD OF INTENSIFYING CITRIC ACID PRODUCTION BY SURFACE FERMENTATION ON MOLASSES. 6p.
Order from SLA $1.10 TT-64-16605

Trans. of Czechoslovakian patent 97,292, cl. 6b, 16/02, granted 18 Apr 58, pub. 15 Nov 60.

Makarova, T. V.
CONFERENCE OF EMBRYOLOGISTS (NO. 4) LENINGRAD, JUN 63. 5 Aug 64, 4p JPRS: 25730.
Order from OTS HC $1.00 MF $0.50 TT-64-41001

Trans. of Nauchnye Doklady Vysshei Shkoly. Biologicheskie Nauki (USSR) 1964, no. 2, p. 201-202.

Paribok, V. P., Krupnova, G. F., and Kal'nii, V. S.
STUDIES IN RADIO-PROTECTIVE ACTION OF GASES: NATURE OF ANTIRADIATION EFFECT OF INERT GASES AND LOW-MOLECULAR NARCOTICS, PTS. I-II. 3 Aug 64, 18p refs JPRS-25703.
Order from OTS HC $1.00 MF $0.50 TT-64-31975

Trans. of #Tsitologiya (USSR) 1964, v. 6, no. 2, P. 162-167, 222-225.

Parin, V. V. and Mil'khiker, M. A.
ADVANCES IN AEROSPACE MEDICINE AND ANIMAL SYSTEMS IN BIONICS (2 ARTICLES). 6 Aug 64, 13p JPRS: 25765.
Order from OTS HC $1.00 MF $0.50 TT-64-41036

Trans. of Priroda (USSR) 1964, v. 53, no. 5, p. 20-25, 33.

Stavs'ka, S. S.
STUDY OF THE SOLUBILITY AND ANTIMICROBIAL ACTIVITY N-DICHLOROIODOSALICYLANILIDE AND ITS HALOGEN DERIVATIVES. 4p.
Order from ATS $6.50 ATS-77R76U

Trans. of Kiev U. Visn[yk] (USSR) 1962, no. 5, Ser[iya Biol[ogii] no. 1, p. 77-80.

Anatomy and Physiology

Benussi, Vittorio.
EXPERIMENTAL RESEARCHES ON SPACE PERCEPTION. I. THE HAPLO-DIPLOCINESCOPIC METHOD [Recherches Experimentales sur la Perception de l'Espace]. 13p (figs omitted) 7refs
Order from SLA $1.60 TT-61-14109

Partial trans. (p. 625-640) of Journal de Psychologie [Normale et Pathologique] (France) 1925, v. 22, p. 625-[666].
A complete trans. is available from SLA $5.60 as TT-61-14684 [52p].

Biedermann, Heinz.
[INVESTIGATIONS ON] VISUAL ACUITY IN NEAR VISION, PT. I (Untersuchungen über die Sehschärfe beim Nahsehen). [20p].
Order from SLA $1.60 TT-61-14635

Trans. of Z[eitschrift] f[ür] O[phthalmologische] O[ptik] (Germany) 1928, v. 15, p. 1-10.

Blumenfeld, Walter.
ON THE APPARENT SIZE OF SUBJECTIVE VISUAL OBJECTS (Über die Scheinbare Grösse der Sehdinge). [11p] (foreign text included) 12refs.
Order from SLA $1.60 TT-61-14124

Trans. of [Zeitschrift für Psychologie und Physiologie der Sinnesorgane. Abt. 2] : Zeits[chrift] f[ür] Sinnesp[hysiologie] (Germany) 1932, v. 62, p. 132-136.
Also available from SLA $1.10 as TT-61-14685 6p (without foreign text).

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Consists of 3 articles from May 64 issues of East German and Polish newspapers.

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ARCHIVES OF IMMUNOLOGY AND EXPERIMENTAL THERAPY
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CORROSION OF METALS AND ALLOYS
(Korroziya Metallov i Splavov)

Moscow, 1963

JPRS: 24,602

CORROSION OF TITANIUM AND ITS ALLOYS

- USSR -

Following is a translation of five articles in the Russian-language periodical Korroziya Metallov i Splavov (Corrosion of Metals and Alloys), Moscow, Metallurgizdat Publishing House, 1963, pages 141-193. Complete bibliographic information accompanies each article.

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CORROSION OF METALS AND ALLOYS
(Korroziya Metallov i Splavov)

Moscow, 1963.

JPRS: 24,627

A MODIFICATION OF ALUMINUM AND TITANIUM ALLOYS

- USSR -

Following is a translation of four articles in the Russian-language periodical Korroziya metallov i splavov (Corrosion of Metals and Alloys), Moscow, Metallurgizdat Publishing House, 1963, pages 194-221. Complete bibliographic information accompanies each article.

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HERALD OF COMMUNICATIONS
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No 2, 1964

Following is a complete translation of the Russian-language periodical Vestnik svyazi (Herald of Communications), No 2, 1964, published by the Ministry of Communications USSR and the Central Committee of the Communications, Motor Transport and Highway Workers Trade Union, February 1964, Moscow, Vol 24, pages 1-32.

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1963, NO. 221

LUMINESCENCE, IONIZATION AND RADIATION PHYSICS

- USSR -

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Abbreviation	Full name (transliterated)	Translation
AN URSR	Akademiya Nauk Ukrains'koi Radyans'koi Sotsialistychnoi Respubliky	Academy of Sciences of the Ukrainian SSR
DAN	Doklady Akademii Nauk	Transactions of the Academy of Sciences
GKhI	Geokhimicheskii Institut	Geochemical Institute
Izd.	Izdatel'stvo	Publishing House
Izv. AN SSSR OTN	Izvestiya Akademii Nauk SSSR. Otdelenie Tekhni-cheskikh Nauk	Bulletin of the Academy of Sciences of the USSR, Department of Technical Sciences
ZhFKh	Zhurnal Fizicheskoi Khimii	Journal of Physical Chemistry
ZhNKh	Zhurnal Neorganicheskoi Khimii	Journal of Inorganic Chemistry
ZhOKh	Zhurnal Obshchei Khimii	Journal of General Chemistry
ZhPKh	Zhurnal Prikladnoi Khimii	Journal of Applied Chemistry

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SERVE THE BUSINESS COMMUNITY

The Department of Commerce maintains Field Offices to enable the business community to avail itself locally of Government facilities designed to promote commerce. Working closely with various units in the Department and, when necessary, with other Government agencies, the Field Offices provide business services to manufacturers, wholesalers, retailers, trade publications, trade associations, advertising agencies, research groups, financial institutions, and exporters and importers.

Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field Offices act as official sales agents of the Superintendent of Documents, and maintain an extensive business reference library containing periodicals, directories, publications and reports from official as well as private sources.

Among the many services which businessmen have found of value are:

GENERAL

- Management and business aids
- Establishing a new business

BASIC ECONOMIC DATA

- Census data with national and often State and regional breakdowns, on manufacturing wholesaling, retailing, service industries, employment and unemployment, population, housing, agriculture
- Basic records of national income and product, regional trends, balance of payments, foreign aid

MARKETING AND DISTRIBUTION

- Development and maintenance of markets
- Distribution channels, facilities and services
- Marketing and distribution statistics

PRODUCTION

- Modernization of plant processes and other technological aids
- Development of new products
- Government-owned patents for free license
- Commodity standards

FOREIGN TRADE AND INVESTMENT

- Tariff and exchange regulations
- Import and export quotas, licensing regulations
- Statistics on imports and exports
- Investment and trade opportunities abroad
- Economic conditions in foreign countries

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